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YJCM ASME - Journal of Engineering Materials and Technology, 2003 - link.aip.org

Strength tests were performed to reveal the failure mechanisms of **spot weld** in lap-shear and **cross tension test** samples. It is shown ...

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... **Spot Weld** Electrode Force Aluminum Sheet Automotive Shear Strength Resistance **Welding** Fatigue Strength ... The shear and **cross-tension test** samples were made ...

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... Figure 9 Peak loads from **cross-tension test** ... This study investigated the feasibility of friction stir **spot welding** advanced high-strength steel sheet metal for ...

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**[PDF]** \*Resistance **Spot Welding** of Coated High-Strength Dual-Phase Steels

MD TUMULURU - Welding Journal, 2006 - aws.perusion.com

... placed at 90 deg to each other and a **spot weld** was made at ... 10, all shear and **cross-tension test** samples were prepared with a speci- fied **weld** size of ...

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U Dilthey, A Ghandehari, R Kopp, P Hohmeier, ... - Advanced engineering materials, 2001 - interscience.wiley.com

... a result of it an irregular **weld spot** is formed ... Test arrangement for **cross-tension test** and the resulting maximum ... **welding** pressures (30, 50, 70 bar) at constant ...

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Influence of **weld** parameters on the mechanical properties of **spot-welded** Fe-Mn-Al-Cr alloy

CJ Lin, JG Duh, MT Liao - Journal of Materials Science, 1993 - Springer

... a **cross-tension test**, respectively. Before **weld**- ing, the specimens were ground with # 400 SiC paper to a final thickness of 0.9 mm and then **spot welded** at 220 ...

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Effect of **weld** nugget size on overload failure mode of resistance **spot welds**

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... pre-drilled hole unlike the conventional riveting, the joining speed is the same level with that of the **spot welding**, and the ... (a) **Cross-tension test** (b) Tension ...

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